

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of:

FUJIEDA, Tsukasa et al.

5 Serial No.: 10/576,277 Art Unit: 1792
Filed: April 18, 2006 Examiner: Robert S. Walters JR
For: METHOD OF FORMING LUSTER COATING FILM

DECLARATION UNDER 37 C.F.R. § 1.132

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Commissioner for Patents

P.O. Box 1450
Alexandria, VA 22313-1450

15 Sir :

I, Tsukasa FUJIEDA, hereby declare:

- 1) That I am the inventor of the instant invention;
- 2) That I graduated from Kobe Design University with a Degree in March, 1993;
- 20 3) That I have been employed by KANSAI PAINT CO., LTD., since April, 1993, where I hold a position as a color designer, with responsibility for CD Laboratory, R&D Division; and
- 4) That the experiments given below were carried out under 25 my general direction and supervision.

Experiments

Comparative Example A

30 In Comparative Example 2 of the present application, the solids content of the applied composition one minute after the application in each stage was determined. Specifically,

aqueous luster base coating composition (A-1) was applied over a predetermined area of aluminum foil using a Metabell rotary electrostatic coater at 30,000 rpm, shaping pressure of 1.7 kg/cm², gun distance of 30 cm, booth temperature of

5 20°C, and booth humidity of 75%, in such a manner that the thickness of the coating composition became 6 µm (when cured). After one minute, the coated aluminum foil was recovered, immediately folded so that the moisture did not further evaporate, and then immediately weighed (Weight 1).

10 The aluminum foil was then opened, and the coating composition was cured under heating at 140°C for 30 minutes, and then weighed (Weight 2).

The solids content of the applied composition one minute after the application in each stage was calculated by

15 dividing Weight 2 by Weight 1. The solids content was 35%.

Comparative Example B

In Comparative Example 3 of the present application, the solids content of the applied composition one minute after the application in each stage was determined. Specifically, the procedure of Comparative Example A was followed, except that aqueous luster base coating composition (A-3) was used in place of aqueous luster base coating composition (A-1), and aqueous luster base coating composition (A-3) was applied in such a manner that the thickness of the coating composition became 7 µm (when cured). The solids content of the applied composition one minute after the application in each stage was 33%.

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Comparative Example C

In Comparative Example 4 of the present application, the solids content of the applied composition one minute after the application in the first stage was determined.

35 Specifically, the procedure of Comparative Example A was followed, except that aqueous luster base coating composition (A-3) was used in place of aqueous luster base coating composition (A-1), and aqueous luster base coating

composition (A-3) was applied in such a manner that the thickness of the coating composition became 9 μm (when cured). The solids content of the applied composition one minute after the application in each stage was 30%.

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I, the undersigned, declare that all statements made
herein of my own knowledge are true and that all statements
made in information and belief are believed to be true; and
5 further that these statements were made with the knowledge
that willful false statements and the like so made are
punishable by fine or imprisonment, or both, under section
1001 of Title 18 of the United States Code and that such
willful false statements may jeopardize the validity of the
O application or any patent issuing thereon.

Date: December 18, 2008

Tsukasa Fujieda

Tsukasa FUJIEDA